

Claims:

1. Method for producing light-guiding LED bodies (10) from a material (29, 49) which is flowable before finally being solidified, in two casting and/or injection molding steps, wherein the electronic components consisting of at least one light-emitting chip (6) and at least two electrical terminals (1, 4) connected to the chip (6), are first coated by means of casting or injection molding, and then are again coated at least in regions by means of casting or injection molding in a final LED mold (30), **characterized in that**
 - in a first casting and/or injection molding step to manufacture an intermediate stage LED (41), a first flowable material (49) is placed in a blank mold (50) in which the electronic components (1 – 6) have been inserted at least in areas,
 - in that the intermediate stage LED (41) is arranged in the final LED mold (30) with its rear (48) on the mold bottom (38) or in the vicinity of the mold bottom (38), forming an annular channel (64) between the inner side wall region (32) of the final LED mold (30) and the outer wall (42, 43) of the intermediate stage LED (41), and
 - in that in a second casting and/or injection molding step, the first (49) or a second (29) flowable material is introduced through the annular channel (64).
2. Method from claim 1, **characterized in that** the first (49) or the second (29) flowable material is introduced into the final LED mold (30) through the cross-section of the annular channel (64) on the mold-bottom side.

3. Method from claim 1, **characterized in that** the second (29) flowable material corresponds to the first (49).
4. Method from claim 1, **characterized in that** the side wall region (32) adjoining the mold bottom (38) of the final LED mold (30) and laterally delimiting the annular channel (64) is cylindrical in design, at least in the region of the annular channel (64).
5. Method from claim 1, **characterized in that** the center line of the blank mold (50) is identical to the center line of the final LED mold (30).